

Date: Tue, 31 May 94 08:58:35 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #597
To: Info-Hams

Info-Hams Digest Tue, 31 May 94 Volume 94 : Issue 597

Today's Topics:

 "The Rhythm of the Code" tape (2 msgs)
 Amp-Hours for a Battery
 Fancy testing some Mac software ?
 Ham Radio few problems!
 IOTA
 LIFE SAVING PRODUCT
Looking for Club stations: GN Northern Ireland
 need 6 meter info to get started
 Need info on operatin in Thailand
 Outward bound DX QSL mailers? (2 msgs)
 Routing 12v power into 94 Dodge Caravan
 seeking advice on starting amateur radio club
 Six meter HT
 SSB Filters
 Yaesu FT-530 Microphone Prob

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 31 May 1994 11:19:45 GMT
From: ihnp4.ucsd.edu!usc!cs.utexas.edu!convex!news.duke.edu!news-
feed-1.peachnet.edu!ukma!newsfeed.gsfc.nasa.gov!trmmstocker.gsfc.nasa.gov!
stocker@network.ucsd.edu
Subject: "The Rhythm of the Code" tape
To: info-hams@ucsd.edu

Just another data point on this Kawa tape. I, too, ordered the tape

and got one that had one iteration of the code on one side and then had Jazz music on the rest of the tape.

I wrote to indicate this and was told I had to send back the tape - my expense again, then wait for Kawa to get around to sending a replacement - my time wasted not his. Neither the tape nor the technique was worth the effort. Just a "rap" version of code and not particularly good.

Anyone want a tape with a little code and a lot of jazz on it??

Erich

```
*****
*   Erich Franz Stocker                               *
*   N30XM                                              *
*   stocker@spsosun.gsfc.nasa.gov                     *
*                                                     *
* My ideas are my own and do not represent*
* the opinions of the federal government, *
* NASA or Goddard Space Flight Center.   *
*****
```

Date: 31 May 94 14:15:59 GMT
From: ncrigw2.ncr.com!ncrhub2!tdbunews!nsc32!wps@uunet.uu.net
Subject: "The Rhythm of the Code" tape
To: info-hams@ucsd.edu

I won a copy at our club raffle after our last meeting. My two daughters, who do not anything to do with Ham radio or even morse code, like the tape. Maybe now they won't be so harsh on code.

Bill

```
+-----+
| Bill Starkgraf                                wps@ElSegundoCA.ncr.com |
| AT&T Global Information Solutions              (310) 524-5754          |
| El Segundo, CA                               (800) 222-8372 x5754        |
|                                               |
| Call: KD6UQB                                  Simi Settlers ARC        |
|                                               Simi Valley, CA          |
+-----+
```

Date: Fri, 27 May 1994 14:57:05 GMT

From: ihnp4.ucsd.edu!swrinde!sgiblab!pacbell.com!att-out!cbnews1!cbnewsj!cbnewsi!
cbnewsh!cbnewse!cbnewsd!cbnewsc!cbfsb!cbnewsg.cb.att.com!mam@network.ucsd.edu
Subject: Amp-Hours for a Battery
To: info-hams@ucsd.edu

>> And how do you test for a charged battery? I set my Multimeter
>> to 10Amp, and touch the probes to the + and - of the battery. (I hope
>> I haven't been doing -The Wrong Thing-!)

>>
>Fine idea, but...
>
>I'd be interested in knowing what you look for and what this test tells
>you about the level of the charge.

I have a bunch of AA, C, and D nicads, which I recharge often for the
use of my kids to run their toys.

I OFTEN need to know, is this C battery charged or not. So, ...
Doing this for AA, C and D cells shows me what the SHORT CIRCUIT
amp condition of these batteries are. And whether it will work
Michaels super zoomer, spinning flashing Turtle toy.

Every radio shack in the world has a little battery checker. The
circuit has to be incredibly simple. Like a 50mA meter and a resistor.
So, by posting this query, I had hoped to get a response like,

To check a 10 Ah battery at 12 volts you need a 7zillion ohm resistor,
To check a D cell, get a 2 micromilli ohm resistor.

I GET IT that I shouldn't short my Ammeter across anything big, (but I
knew that cause my Electrical Engineer friend 'accidentally' tried to measure
the amps coming out of a wall socket, and yes the meter actually jumped
before it fried.)

So, I still don't know how to check a larger, 2-10 Ahmhour battery
to determine its actual amp-hour. But I do have this little meter
with a resistor, that I ripped out of a recharging unit, that has
a nice scale that says good/charge.

And that's why I want to know the amp status of a battery. So I'll
know if it needs charging before I get out in the field.

So, what resistor for what rating?

Date: 30 May 94 11:31:43 GMT
From: uchnews!ncar!gatech!howland.reston.ans.net!pipex!demon!news@rsch.wisc.edu

Subject: Fancy testing some Mac software ?
To: info-hams@ucsd.edu

Hello All,

I have just finished a HyperCard Stack that will allow control of a Yaesu FT-747GX.

I now need your help.

I am looking for people that have a Macintosh and a FT-747GX (or perhaps any other Yaesu radio) who can help me beta test this stack.

If you would like to help just let me have an e-mail or street address and I'll send you off a copy.

Kind regards, Sean.

Date: Tue, 24 May 1994 14:53:24 -0500
From: ihnp4.ucsd.edu!usc!cs.utexas.edu!convex!news.duke.edu!eff!news.kei.com!ub!galileo.cc.rochester.edu!ee.rochester.edu!rochgte!UUCP@network.ucsd.edu
Subject: Ham Radio few problems!
To: info-hams@ucsd.edu

TP> Oh please, if you want to do "Smokey Reports" keep it on 11m. We don't

IMO, stating that a cop is in a radar trap isn't a "Smokey Report." It's part of a legal conversation between two ham operators that have the right to say whatever they want that's legal. Wouldn't a "Smokey Report" constitute a ham getting on the air and stating for the general public that a cop is trapping people? That's a one-way communication, which is against regulations. But no one's forcing you to listen to a QSO.

TP> need traffic advisories on the amateur bands.

I thought one thing they taught was to free the bands for mobile operations during rush hours for drivers to inform of conditions..

... Catch the Blue Wave!

Date: Mon, 30 May 94 17:53:10 +0400
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!EU.net!sunic!news.funet.fi!

news.eunet.fi!news.spb.su!KremlSun!kiaae!relcom!demos1!dnews-
server@network.ucsd.edu
Subject: IOTA
To: info-hams@ucsd.edu

RA1Z, Lumbovskiy island (EU-161),
for RRA, RR-03-01, Dick,RW1ZZ will be active
from this Russian Island.
His call sign will be RW1ZZ/1 on CW/SSB and he will be
active on all bands with 15 June about two weeks.
QSL via RA1ZA.

--

Albert (RV3GW)
< ***** Russian Robinson Club, #34 ***** >

--

Albert (RV3GW)
< ***** Russian Robinson Club, #34 ***** >

Date: Tue, 31 May 1994 14:53:20 GMT
From: ihnp4.ucsd.edu!swrinde!pipex!uknet!festival!hwcee!rdg.etf!
achroy@network.ucsd.edu
Subject: LIFE SAVING PRODUCT
To: info-hams@ucsd.edu

Dear Sir,

In a recent survey we discovered that most computer literate
people do not own a entity/soul/mind Biological Unit (a.k.a. a life).

Therefore we are pleased to announce our company's new product :

-----> *LIFE* <-----

LIFE (Tm & Copyright 1994) is available from all good suppliers at an
amazingly
low initial cost. There are many different models available ranging from the
"Very Little" model to the "Wow This Is Such A Great Time" model.
If you are interested in purchasing a LIFE then please contact your local
supplier.

Thank you

Date: 31 May 1994 09:20:36 -0500
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!not-for-mail@network.ucsd.edu
Subject: Looking for Club stations: GN Northern Ireland
To: info-hams@ucsd.edu

Queens University Belfast has a club station,
we got a HF rig just this year and hopefully next term
(beginning September 27) we will be on air, perhaps even with
the club prefix GN- (prefix hunters watch out!)

the club is over for this term, we are into exams and
in a week and a halfs time we finish term for the summer.
perhaps next term we can QSO some of you....

Jose, I will mail you further info on the club if I
can; but I think all the members have gone home :-)

Everybody else, If you want a contact with the station next
term, mail me, we shall see what can be done. At the moment the
only access to the club is Tuesday evenings, but perhaps during
next term we can get better access, who knows.

73s

Lyndon GI70YA/P

x Lyndon 'just call me Ezekiel' Nixon -- First Year Biblical Studies
xxxxx Queens University Belfast -- email: u9325913@athmail1.causeway.qub.ac.uk
x Ham Call: GI70YA/P -- snailmail: 29 Falkland Drive, Onchan, Isle
of Man
x 'whatever I say will be fulfilled, declares the Sovereign Lord' Ez. 12.28

Date: Tue, 31 May 1994 13:40:39 GMT
From: psinntp!arrl.org!zlau@uunet.uu.net
Subject: need 6 meter info to get started
To: info-hams@ucsd.edu

Robert Lauer (rlauer@magnus.acs.ohio-state.edu) wrote:
: I am interested in getting into 6 meters, however i do not know a thing about
: it. I am hoping that someone will take the time to give me some information
: to get me started. I guess that I need some advice on what type of rig to buy,
: I will have to buy used I think, do to normal college student budget

: constraints. What do I need to look for in a rig? I have managed to find
: someone who is selling an Icom 551D, he wants \$550 which seems a little high to
: me. Is that a good price? Anything else you could share will be most
: appreciated. I have tried to find books on 6 meters but so far no luck.

Prices for VHF SSB/CW equipment tend to be on the high side.

Perhaps the biggest factor is the technology--your typical 25 watt radio has to be 100 times cleaner in terms of spectral purity than a similar HF radio. Thus, you could just "move" a cheap 10 meter rig to 6 meters--wouldn't meet FCC requirements. The stricter regulations are probably justified--we don't want amateur radios clobbering nearby services on VHF (I don't think the problem is quite as serious on HF).

True, FM equipment is more reasonably priced, but FM transmitters generate signals more inexpensively, essentially just frequency shifting an oscillator. Current SSB/CW gear does it by generating SSB at a fixed frequency, and then moving it to the desired frequency. This requires expensive filters to get rid of unwanted frequencies generated in the translation process.

Yes, there is another way of doing this--the phasing method, but no amateur manufacturer that I know of generates SSB this way. I hope to get my 6 meter phasing rig finished in time for the contest... from FN33JC, Mt Equinox VT. Based on R. Campbell, Jan, April, May 1993 QST, no boards available right now but keep your fingers crossed...

BTW, there is usually a good opening just before or after the contest!

--

Zack Lau KH6CP/1 2 way QRP WAS
 8 States on 10 GHz
Internet: zlau@arrl.org 10 grids on 2304 MHz

Date: Tue, 24 May 1994 14:53:23 -0500
From: ihnp4.ucsd.edu!swrinde!elroy.jpl.nasa.gov!usc!math.ohio-state.edu!
sol.ctr.columbia.edu!news.kei.com!ub!galileo.cc.rochester.edu!ee.rochester.edu!
rochgte!UUCP@network.ucsd.edu
Subject: Need info on operatin in Thailand
To: info-hams@ucsd.edu

TRL> Thanks for reading this message.
TRL> I am planning a trip to Thailand, and I wonder how it
TRL> is to get a licence to operate there.

My dad lives in Thailand and I'll be going there this summer. From what I've seen so far, the Thai's are REALLY in to ham radio. Especially 2M and other low bands. VHF antennas are even more numerous there than cellular phone antennas are here. It was unfortunate that I didn't take my radio and listen in to what was going on, so I'm not sure if it's organized, or if it's just like CB. What I would suggest for getting a license there is to get a hold of a Thai consulate near you and ask for information, or if they don't know anything about it, ask if there's someplace in Thailand you can get a hold of.. Good Luck..

Brad
KD6KYL

... Catch the Blue Wave!

Date: 31 May 1994 07:29:03 -0400
From: ihnp4.ucsd.edu!library.ucla.edu!europa.eng.gtefsd.com!darwin.sura.net!
mailer.acns.fsu.edu!freenet3.scri.fsu.edu!freenet3.scri.fsu.edu!not-for-
mail@network.ucsd.edu
Subject: Outward bound DX QSL mailers?
To: info-hams@ucsd.edu

I well remember your experience. However, the best bet in town today is the ARRL Out-Going QSL service. They charge \$2.00 per pound of cards. 73,

Michael Christie, K7RLS
Crawfordville, Florida

Date: 31 May 1994 13:21:57 GMT
From: ihnp4.ucsd.edu!library.ucla.edu!europa.eng.gtefsd.com!news.umbc.edu!
haven.umd.edu!cville-srv.wam.umd.edu!ham@network.ucsd.edu
Subject: Outward bound DX QSL mailers?
To: info-hams@ucsd.edu

In article <1994May29.132441.22743@desire.wright.edu>,
<nyoung@desire.wright.edu> wrote:
>Many thousand years ago when I was seriously active on HF, there
>were always a couple people who ran outward going DX QSL services.

Date: Tue, 31 May 1994 11:51:59 GMT
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!darwin.sura.net!
rsg1.er.usgs.gov!stc06r.CTD.ORN1.GOV!orn1!kw1k25.ymd.orn1.gov!uid@network.ucsd.edu
Subject: seeking advice on starting amateur radio club
To: info-hams@ucsd.edu

Date: Tue, 31 May 1994 15:42:34 GMT
From: ihnp4.ucsd.edu!sdd.hp.com!col.hp.com!news.dtc.hp.com!hplextra!hplb!
hpwin055.uksr!hpmoea!dstock@network.ucsd.edu
Subject: Six meter HT
To: info-hams@ucsd.edu

If you have big hands, you could try an FT690.

Quite a decent multimode....

David GM4ZNX

Date: 31 May 1994 12:15:08 GMT
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!math.ohio-state.edu!jussieu.fr!univ-
lyon1.fr!elendir@network.ucsd.edu
Subject: SSB Filters
To: info-hams@ucsd.edu

Hello everybody !

Thanks for your helping answers. I finally got a filter (in France) - 10.7 MHz with 2.2 kHz bandwidth. It went with the lateral Xtals (10.6985 MHz in my case). But I have taken note of the different addresses you gave me.

The choice of the 10.7 MHz IF is not innocent. I am aware that one of the problem when using packet radio is PLL locking time between RX and TX. It takes about 200 ms, if your step is really small. By using a 10.7 MHz IF for both TX and RX, I completely eliminate this problem, since the PLL remains on the same frequency. I can also use a very cheap ceramic filter to filter the FM.

I know little about helicoidal filters, so I'd be pretty interested in knowing more. Also, I'd like to know what frequency swing you can expect from a Xtal oscillator modulated by a varicap diode.

Many thanks again ! And 73 from F1RCS, Vince, QTH : Paris.

Oh BTW,

: Have you considered a phasing sideband generator?

Yes. BF shifter is a bit complex. Unless using a FIR to implement the Hilbert filter.

Date: Tue, 31 May 1994 12:37:19 GMT
From: ihnp4.ucsd.edu!sdd.hp.com!col.hp.com!csn!jwdx@network.ucsd.edu
Subject: Yaesu FT-530 Microphone Prob
To: info-hams@ucsd.edu

I have a 3 week old FT-530 with the display mike accessory. I am very impressed with the radio but the mike is giving me problems. If I use the mike, my signal strength is about the same but everyone says it sounds like I wrapped the mike in a towel - low audio strength.

I posted this problem here about a week ago, and two or more responses came back with a recommended mod, but it doesn't seem to help. Opening the mike reveals that the main speaker has plenty of room and ventilation, but the actual microphone is virtually encapsulated in a separate compartment. The mod was to drill about a 1/16 inch hole in the front cover where the mike is. This made sense but didn't help. I may have been a little conservative on the hole size, but since there was no apparent improvement, I'm a little hesitant to go further. Does anybody have any suggestions? I have a friend with the same radio/mike combo, and his has the same problem. I'm sure there must be more info out there about this.

Thank you very much.

Jim Deeming
KB0MED /AG

Date: 31 May 1994 14:28:43 GMT
From: tymix.Tymnet.COM!niagara!flanagan@uunet.uu.net
To: info-hams@ucsd.edu

References <2sd8b1\$kd6@kaiwan.kaiwan.com>, <rogjdCqMnyJ.565@netcom.com>, <2seid0\$702@kaiwan.kaiwan.com>
Subject : Re: 440 in So. Cal.

In article <2seid0\$702@kaiwan.kaiwan.com> topolski@kaiwan.com (Robb Topolski

KJ6YT) writes:

>Roger Buffington (rogjd@netcom.com) wrote:

>> 440 in Southern California needs a new coordinating body and a new
>> coordinating philosophy, it's as simple as that. I propose the following
>> as a starter: "If you aren't open, you aren't coordinated."

>

>I couldn't agree more. In fact, I'd even be happy with "any new
>coordinations must be open and remain open for a minimum of 12 months"
>until some kind of reaonsable balance is struck.

But Mr. Buffington isn't proposing any balance--reasonable or otherwise:
"If you aren't open, you aren't coordinated."

It sounds like he wants to throw out twenty years of legitimate coordination
because =he= doesn't like it. Let's not loose sight of the fact the FCC
explicitly permits closed repeaters.

Sounds like a simple case of the "have nots" wanting to throw out the "haves."

Dick

--

Dick Flanagan, W6OLD
dick@libelle.com

w6old@n6qmy.#nocal.ca.usa.na
CIS:73672,751 GEnie:FLANAGAN

Date: Tue, 31 May 1994 07:57:00 -0400

From: yale.edu!newsserver.jvnc.net!rohvm1!rohvm1.mah48d@yale.arpa

To: info-hams@ucsd.edu

References <45806.hberg@sun.sws.uiuc.edu>, <rogjdCqAB3L.9r5@netcom.com>,
<2s5g88\$e7n@btree.brooktree.com>u

Subject : Re: Ham Radio few problem

In article <2s5g88\$e7n@btree.brooktree.com>, roger@btree.brooktree.com
(Roger Bly) wrote:

> Good! Several of us in San Diego are also writing letters, petitioning,
> jamming, etc. to shut down closed repeaters in the amateur service. We should
 ^^^^^^^

> probably get more organized.

Sounds like you're the reason they have closed repeaters out there on the
West Coast.

> I said it before, but the FCC is willing to consider a "close repeater ban".
> There there are several commissioners (I know one personally) that are
> sympathetic to our cause. They say the request (RFR) must come from the amateur

> community or politically they can not act. I have not been active on lobbying
> the ARRL... attacking the coordinating bodies might be a new angle on this...

Most recently the FCC has affirmed that the repeater operator has the right
to say who uses the repeater. If you jammers are such jerks that the
operator doesn't want you using his machine, he can boot you off even an
open repeater.

--

John Taylor (W3ZID) | "The opinions expressed are those of the
rohvm1.mah48d@rohmmaas.com | writer and not of Rohm and Haas Company."

End of Info-Hams Digest V94 #597
